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1	1	ACA	GTC	AGC	CGC	ATG	GCT	CCC	CTG	TGC	CCC	AGC	CCC	TGG	CTC	CCT	CTG	12	48
13	13	L	I	P	A	P	A	P	G	L	T	V	Q	L	L	L	S	28	96
49	49	TTG	ATC	CCG	GCC	CCT	GCT	CCA	GGC	CTC	ACT	GTG	CAA	CTG	CTG	CTG	TCA	44	144
29	29	L	L	L	L	M	P	P	V	H	P	Q	R	L	P	R	Q	60	192
97	97	CTG	CTG	CTT	CTG	ATG	CCT	GTC	CAT	CCC	CAG	AGG	TTG	CCC	CGG	ATG	CAG	44	144
45	45	E	D	S	P	L	G	G	G	S	S	G	E	D	D	P	L	60	192
145	145	GAG	GAT	TCC	CCC	TTG	GGA	GGA	GGC	TCT	TCT	GGG	GAA	GAT	GAC	CCA	CTG	60	192
61	61	G	E	E	D	L	P	S	E	E	D	S	P	R	E	E	D	76	240
193	193	GGC	GAG	GAG	GAT	CTG	CCC	AGT	GAA	GAG	GAT	TCA	CCC	AGA	GAG	GAG	GAT	76	240
77	77	P	P	G	E	E	D	L	P	G	E	E	D	L	P	G	E	92	288
241	241	CCA	CCC	GGA	GAG	GAG	GAT	CTA	CCT	GGA	GAG	GAG	GAT	CTA	CCT	GGA	GAG	92	288
93	93	E	D	L	P	E	V	K	P	K	S	E	E	E	G	S	L	108	336
289	289	GAG	GAT	CTA	CCT	GAA	GTT	AAG	CCT	AAA	TCA	GAA	GAA	GAG	GGC	TCC	CTG	108	336
109	109	K	L	E	D	L	P	T	V	E	A	P	G	D	P	Q	E	124	384
337	337	AAG	TTA	GAG	GAT	CTA	CCT	ACT	GTT	GAG	GCT	CCT	GGA	GAT	CCT	CAA	GAA	124	384
125	125	P	Q	N	N	A	H	R	D	K	E	G	D	D	Q	S	H	140	432
385	385	CCC	CAG	AAT	AAT	GCC	CAC	AGG	GAC	AAA	GAA	GGG	GAT	GAC	CAG	AGT	CAT	140	432
141	141	W	R	Y	G	G	D	P	P	W	P	R	V	S	P	A	C	156	480
433	433	TGG	CGC	TAT	GGA	GGC	GAC	CCG	CCC	TGG	CCC	CGG	GTG	TCC	CCA	GCC	TGC	156	480
157	157	A	G	R	F	Q	S	P	V	D	I	R	P	Q	L	A	A	172	528
481	481	GCG	GGC	CGC	TTC	CAG	TCC	CCG	GTG	GAT	ATC	CGC	CCC	CAG	CTC	GCC	GCC	172	528

FIG.-1A

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173	F	C	P	A	L	R	P	L	E	L	L	G	F	Q	L	P	188
529	TTC	TGC	CCG	GCC	CTG	CGC	CCC	CTG	GAA	CTC	CTG	GGC	TTC	CAG	CTC	CCG	576
189	P	L	P	E	L	R	L	R	N	N	G	H	S	V	Q	L	204
577	CCG	CTC	CCA	GAA	CTG	CGC	CTG	CGC	AAC	AAT	GGC	CAC	AGT	GTG	CAA	CTG	624
205	T	L	P	P	G	L	E	M	A	L	G	P	G	R	E	Y	220
625	ACC	CTG	CCT	CCT	GGG	CTA	GAG	ATG	GCT	CTG	GGT	CCC	GGG	CGG	GAG	TAC	672
221	R	A	L	Q	L	H	L	H	W	G	A	A	G	R	P	G	236
673	CGG	GCT	CTG	CAG	CTG	CAT	CTG	CAC	TGG	GGG	GCT	GCA	GGT	CGT	CCG	GGC	720
237	S	E	H	T	V	E	G	H	R	F	P	A	E	I	H	V	252
721	TCG	GAG	CAC	ACT	GTG	GAA	GGC	CAC	CGT	TTC	CCT	GCC	GAG	ATC	CAC	GTG	768
253	V	H	L	S	T	A	F	A	R	V	D	E	A	L	G	R	268
769	GTT	CAC	CTC	AGC	ACC	GCC	TTT	GCC	AGA	GTT	GAC	GAG	GCC	TTG	GGG	CGC	816
269	P	G	G	L	A	V	L	A	A	F	L	E	E	G	P	E	284
817	CCG	GGA	GGC	CTG	GCC	GTG	TTG	GCC	GCC	TTT	CTG	GAG	GAG	GGC	CCG	GAA	864
285	E	N	S	A	Y	E	Q	L	L	S	R	L	E	E	I	A	300
865	GAA	AAC	AGT	GCC	TAT	GAG	CAG	TTG	CTG	TCT	CGC	TTG	GAA	GAA	ATC	GCT	912
301	E	E	G	S	E	T	Q	V	P	G	L	D	I	S	A	L	316
913	GAG	GAA	GGC	TCA	GAG	ACT	CAG	GTC	CCA	GGA	CTG	GAC	ATA	TCT	GCA	CTC	960
317	L	P	S	D	F	S	R	Y	F	Q	Y	E	G	S	L	T	332
961	CTG	CCC	TCT	GAC	TTC	AGC	CGC	TAC	TTC	CAA	TAT	GAG	GGG	TCT	CTG	ACT	1008
333	T	P	P	C	A	Q	G	V	I	W	T	V	F	N	Q	T	348
1009	ACA	CCG	CCC	TGT	GCC	CAG	GGT	GTC	ATC	TGG	ACT	GTG	TTT	AAC	CAG	ACA	1056

FIG. 1B

349 V M L S A K Q L H T L S D T L W 364
1057 GTG ATG CTG AGT GCT AAG CAG CAG CTC CAC ACC CTC TCT GAC ACC CTG TGG 1104

365 G P G D S R L Q L N F R A T Q P 380
1105 GGA CCT GGT GAC TCT CGG CTA CAG CTG AAC TTC CGA GCG ACG CAG CCT 1152

381 L N G R V I E A S F P A G V D S 396
1153 TTG AAT GGG CGA GTG ATT GAG GCC TCC TTC CCT GCT GGA GTG GAC AGC 1200

397 S P R A A E P V Q L N S C L A A 412
1201 AGT CCT CGG GCT GCT GAG CCA GTC CAG CTG AAT TCC TGC CTG GCT GCT 1248

413 G D I L A L V F G L L F A V T S 428
1249 GGT GAC ATC CTA GCC CTG GCT GTT TTT GGC CTC CTC CTT TTT GCT GTC ACC AGC 1296

429 V A F L L V Q M R R Q H R R G T K 444
1297 GTC GCG TTC CTT GTG CAG ATG AGA AGG CAG CAC AGA AGG GGA ACC AAA 1344

445 G G V S Y R P A E V A E T G A * 460
1345 GGG GGT GTG AGC TAC CGC CCA GCA GAG GTA GCC GAG ACT GGA GCC TAG 1392

1393 AGG CTG GAT CTT GGA GAA TGT GAG AAG CCA GCC AGA GGC ATC TGA GGG 1440

1441 GGA GCC GGT AAC TGT CCT GTC CTG CTC ATT ATG CCA CTT CCT TTT AAC 1488

1489 TGC CAA GAA ATT TTT TAA AAT AAA TAT TTA TAA T 1522

FIG. 1A

FIG. 1B

FIG. 1C

FIG. 1C

FIG. 1

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1  ggatcctgtt gactcgtgac cttaccccc taagggcggg accctgtgct ctctgaaaca tgagctgtgt
61  ccactcaggg ttaatgggat gctcgttaag agtcatcacc ggaagataaa gcaagatgtg ctttgttaaa cagatgcttg
121  aaggcagcat gctcgttaag agtcatcacc ggtcctctgc ctaggaaaaa tgaccctgcc aaatccccct ctgtgagaaa
181  aacactgagg aaggccgcag ctatctcca aaaaataaat tagttattga taaatgaata gctattggta aagccaagta
241  ttatctgac ctccctcca ctatctcca aaaaataaat tagttattga taaatgaata gctattggta aagccaagta
301  caccacaaga ttatcaataa gacttacgaa gacggccatc gattagctc atcacagctc aagtctacct gatttgatct
361  aaaaaaaaaa gacttacgaa gacggccatc gattagctc atcacagctc aagtctacct gatttgatct
421  aatgatcata ttcaaaaacca gacggccatc gattagctc atcacagctc aagtctacct gatttgatct
481  ctttatcatt gtcattcttt gattagctc atcacagctc aagtctacct gatttgatct
541  aagttctaat tacgttccaa acatttaggg gttacatgaa gcttgaacct actaccttct
601  ttgcttttga gccatgagtt gtaggaatga tgagtttaca cctacatgc tggggattaa
661  tttaaaacttt accctaagt cagttgggta gcctttgggt tatttttgta gctaattttg
721  tagttaatgg atgcaactgt aatcttgcta tgatagtttt cctccacct ttgccactag
781  gggtaggtag gtactcagtt ttcagtaatt gcttacctaa gacctaaagc cctattttct
841  ttgtactggc ctttatctgt aatatgggca tatttaatac aataataatt ttggagtttt
901  ttgtgttgtt tgttgttgtt tttttttgag acggagtctt gcatctgtca tgcccaggct
961  ggagtagcag tggtgccatc tcggctcact gtagctggga ctacaggcg cctcccgagt tcacggccatt
1021  ttcctgcctc agcctccga gtagctggga ctacaggcg cctcccgagt tcacggccatt
1081  ttttttgtat ttttggtaga gacggggttt caccgtgtta gccagaatgg tctcgatctc
1141  ctgacttcgt gatccaccgg cctcgccctc ccaaagttct gggattacag gtgtgagcca
1201  ccgcacctgg ccaatttttt gactcttta aagtaaaaat atgtcttga agctggtaac
1261  tatggtacat ttccttttat taatgtggtg ctgacgggtca tataggttct tttgagtttg
1321  gcatgcatat gctacttttt gcagtccttt cattacattt tctctcttc atttgaagag
1381  catgttatat ctttttagctt cacttggctt aaaagggttct ctcattagcc taacacagtg
1441  tcattgttgg taccacttgg atcataagtg gaaaaacagt caagaaattg cacagtaata
1501  cttgttttga agagggatga ttcagggtgaa tctgacacta agaaactccc ctacctgagg
1561  tctgagattc ctctgacatt gctgtatata ggcttttctt ttgacagcct gtgactgcgg
1621  actatttttc ttaagcaaga tatgctaaaag ttttgtgagc ctttttccag agagaggtct
1681  catatctgca tcaagtgaga acatataatg tctgcatgtt tccatatctc aggaatgttt
1741  gcttgtgttt tatgctttta tatagacagg gaaacttgtt cctcagtgac ccaaaagagg
1801  tgggaattgt tattggatat catcattggc ccacgctttc tgaccttga aacaataag
1861  ggttcataat ctcaattctg tcagaattgg tacaagaaat agctgctatg tttcttgaca
1921  tccacttgg taggaaataa gaatgtgaaa ctcttcagtt ggtgtgtgtc cct?gtttt

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FIG. 2A

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1981 ttgcaatttc cttcttactg tgtaaataaa aagtatgac ttgctctgag aggtgaggca
2041 ttcttaatca tgatctttaa agatcaataa tataatcctt tcaaggatta tgtctttatt
2101 ataataaaga taatttgtct ttaacagaat caataatata atccctaaa ggattatatc
2161 tttgctgggc gcagtggctc acacctgtaa tccagcact ttgggtggcc aagtggaag
2221 gatcaaat tgcactttct gcctacttct atattatctt ctaaagcaga attcatctct cttccctcaa
2281 tatgatgata ttgacagggc ttgacctcac tccactagatt gtgagctcct gctcagggca
2341 gtagcgctt tttgtttttg tttttgtttt tcttttttga gacaggtctt tgctctgtca
2401 ccaggccag agtgcaatgg tacagtctca gctcactgca gcctcaaccg cctcggctca
2461 aaccatcatc ccatttcagc ctctgagta gctgggacta caggcacatg ccattacacc
2521 tggctaattt ttttgtattt ctagttaga cagggtttgg ccatgttgcc cgggctggtc
2581 tcgaactcct ggactcaagc aatccacca cctcagcctc ccaaatgag ggaccgtgtc
2641 ttattcat ttcattccct agtccatagc ccagtgtgg acctatggtg gtactaaata
2701 aatatattgtt gaatgcaata gtaaatagca tttcagggag caagaactag attaacaag
2761 gtgtaaaag gtttgagaa aaaaataata gtttaattg gctagagtat gagggagagt
2821 agtaggagac aagatggaaa ggtctcttgg gcaaggtttt gaaggaagt ggaagtcaga
2881 agtacacaat gtgcataatc tggcagggcag tggggagcca atgaaggctt ttgagcagga
2941 gagtaatgtg ttgaaaaata aatataggtt aaacctatca gagccctct gacacataca
3001 ctgtcttttc attcaagctc aagtttgtct ccacataacc cattacttaa ctaccctcg
3061 ggctccctta gcagcctgcc ctacctttt acctgcttcc tgggtgagtc agggatgtat
3121 acatgagctg ctttccctct cagccagagg acatgggggg cccagctcc cctgccttc
3181 cccttctgtg cctggagctg ggaagcaggc cagggttagc tgaggctggc tggcaagcag
3241 ctgggtgtg ccagggagag cctgcatagt gccagggtgt ccttgggtt ccaagctagt
3301 ccattggccc gataaccttc tgcctgtgca cacacctgcc cctcactcca ccccatcct
3361 agctttggta tgggggagag ggcacagggc cagacaaaac tgtgagactt tggctccatc
3421 tctgcaaaag ggcgctctgt gagtacgctt gctccctcc aggttgctc ctccccacc
3481 cagctctcgt ttccaatgca cgtacagccc gtacacaccg tgtgctggga caccacacag
3541 TCAGCCGCAT GGC'TCCCCTG TGCCCCAGCC CCTGGCTCCC TCTGTTGATC CCGGCCCTG
3601 CTCCAGGCCT CACTGTGCAA CTGCTGCTGT CACTGCTGCT TCTGGTGCTT GTCCATCCCC
3661 AGAGGTTGCC CCGGATGCAG GAGGAT'TCCC CCTTGGGAGG AGGCTCTTCT GGGGAAGATG
3721 ACCCACTGGG CGAGGAGGAT CTGCCAGTG AAGAGGATTC ACCAGAGAG GAGGATCCAC
3781 CCGGAGAGGA GGATCTACCT GGAGAGGAGG ATCTACCTGG AGAGGAGGAT CTACCTGAAG
3841 TTAAGCCTAA ATCAGAAAGAA GAGGGCTCCC TGAAGTTAGA GGATCTACCT ACTGTTGAGG
3901 CTCCTGGAGA TCCTCAAGAA CCCCAGAATA ATGCCCACAG GGACAAAGAA Ggtaagtgg

FIG._2B

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3961 catcaatctc caaatccagg ttccaggagg ttcatgactc cctcccata cccagccta
4021 ggctctgttc actcagggaa ggaggggaga ctgtactccc cacagaagcc ctccagagg
4081 tcccatacca atatcccat cccactctc ggaggtagaa agggacagat gtggagagaa
4141 aataaaaagg gtgcaaaaagg agagaggtga cccactctc ggaggtagaa agggagaggc
4201 tggagaagag aaagggatga gaaactgcaga gaactgcaga tgagagaaa aatgtgcaga cagaggaaaa
4261 aaataggtgg agaaggagag tcagagagtt tcagagagtt gagggggaag agtaaatctca tcttaggcta
4321 gtgaagtggg taccagagac aagcaagaag agctggtaga acacagcagg tagagaaaagc tggcttcttg
4381 caatgaggaa ttgagaccta ggaagaaggg ggaagaaggg acacagcagg tagagaaaagc tggcttcttg
4441 actccaagc caggaatttg gggaaaaggg gggaaaaggg ttggagacca tacaaggcag agggatgagt
4501 ggggagaaga aagaagggag aaaggaaaaga aaaggaaaaga agctgtactc actcatttgg gactcaggac
4561 tgaagtggc actcactttt tttttttttt cgatctcggc tcactgcaac ctccacctcc cggttcaag
4621 caggctggag tgcaatggcg gcctcagcct ctagccaagt agctgcgatt acaggcatgc gccaccacgc
4681 tgattctcct tttgtatttt tagtagagac ggggtttcgc catgttggtc aggtggtct
4741 ccggctaatt atctcaggtg atccaaaccac cctggcctcc caaagtgctg ggattatagg
4801 cgaactcctg agcgcctggc ctgaagcagc cactcacttt tacagaccct aagacaatga
4861 cgtgagccac agcgcctggc tgtttggccc accagctgc ggtgtttagt ttgggtgcgg
4921 ttgcaagctg gtaggattgc tgtttggccc accagctgc ggtgtttagt ttgggtgcgg
4981 tctcctgtgc tttgcacctg gcccgcttaa ggcatttgtt accgtaatg ctctgtaag
5041 gcatctgcgt ttgtgacatc gttttggtcg ccaggaaggg attggggctc taagcttgag
5101 cggttcatcc ttttcattta tacaggggat gaccagagtc attggggctc taagcttgag
5161 acacccacc gctgcacaga cccaatctgg gaaccagct ctgtggaatc cccctacagc
5221 cgtccctgaa cactgggtccc gggcggtccc ccgcccgc accgtcccac cccctcacct
5281 tttctaccg ggttccctaa gttcctgacc taggcgtcag acttctcac tatactctcc
5341 caccaccagc GACCCGCCCT GGCCTCCGGT GTCCCCAGCC TGCGCGGCC GCTTCCAGTC
5401 CCGGTGGAT ATCCGCCCCC AGCTCGCCG CTTCCTGCCG GCCCTGCCC CCTGGAAT
5461 CCTGGGCTTC CAGCTCCCGC CGCTCCAGA ACTGCGCTG CGCAACAATG GCCACAGTGg
5521 tgagggggtc tcccgcgga gacttgggga tggggcgggg cgaggggaag ggaaccgtcg
5581 cgagtgctt gcccggggt tgggctggcc ctaccgggcg gggccggctc acttgctct
5641 ccctacgcag TGCAACTGAC CCTGCCCTCT GGGCTAGAGA TGGCTCTGGG TCCCGGGCGG
5701 GAGTACCGG CTCTGCAGCT GCATCTGCAC TGGGGGGCTG CAGGTCGTCC GGGCTCGGAG
5761 CACACTGTG AAGCCACCG TTTCCCTGCC GAGgtgagc cgactggcc gagaaggggc
5821 aaaggagcgg ggcggacggg ggcagagac gtggccctct cctaccctcg tgtcctttc
5881 agATCCACGT GGTTCACCTC AGCACCGCCT TTGCCAGAGT TGACGAGGCC TTGGGGCGCC

FIG.-2C

5941 CCGGAGGCCT GCGCGTGTG GCCGCTTTC TGGAGgtacc agatcctgga cacccttac
 6001 tccccgctt ccatcccat gctcctccg gactctatcg tggagccaga gaccccatcc
 6061 cagcaagctc actcaggccc ctggctgaca aactcatca cgcactgtt gtcatattaa
 6121 caccactgt gaaccaggca ccagcccca acaaggattc tgaagctgta ggtccttgcc
 6181 tctaaggagc ccacagccag tgggggagc tgacatgaca gacacatagg aaggacatag
 6241 taaagatggt ggtcacagag gaggtgacac ttaaagcctt cactggtaga aaagaaaagg
 6301 aggtgttcat tgcagaggaa acagaatgtg caaagactca gaatatggcc tatttaggga
 6361 atggctacat acaccatgat ctactcact tttatttatt ccaagtaagg gaaggatgg tgagatgcct
 6421 gtaggttca ctactcact gtgacttgg gtcactgcaa ctccgcctc cgggttcaa
 6481 ccaggctgga tgcctcagct tcctgagtag ctggggttac aggtgtgtgc caccatgccc
 6541 ggatctctc agtaatttt gctcaagtg atccgcctga ctacgcctac caaagtgtg attacaaagt
 6601 gctcaagtg gctcaagtg atccgcctga ctacgcctac caaagtgtg attacaaagt
 6661 caaactcctg gctcaagtg atccgcctga ctacgcctac caaagtgtg attacaaagt
 6721 tgagccaccg tgcccagcca cactcactga tctcttaatg ccagccacac agcacaaagt
 6781 tcagagaaat gcctccatca tagcatgtca atatgttcat actcttaggt tcatgatgtt
 6841 cttaacatta ggttcataag caaataaga aaaaagaata ataaataaaa gaagtggcat
 6901 gtcaggacct cactgaaaa gccaaacaca gaatcatgaa ggtgaatgca gaggtagcac
 6961 caacacaaag gtgtatatat ggtttcctgt ggggagtatg tacggaggca gcagtgaagt
 7021 agactgcaaa cgtcagaagg gcacgggtca ctgagagcct agtatcctag taaagtggc
 7081 tctctccctc tctctccagc ttgtcattga aaaccagtcc accaagcttg ttggttcgca
 7141 cagcaagagt acatagagtt tgaataata cataggattt taagaggagg acactgtctc
 7201 taaaaaaaaa aacaacagca acaacaaaaa gcaacaacca ttacaatttt atgttccctc
 7261 agcattctca gagctgagga atgggagagg actatgggaa ccccttcat gtccggcct
 7321 tcagccatgg ccttgatcac atgcactcat ctgtcttaca atgtcattcc ccagGAGGG
 7381 CCGGAAGAA AACAGTGCCT ATGAGCAGTT GCTGTCTCGC TTGGAAGAAA TCGTGAGGA
 7441 AGgtcagttt gttggtctgg ccactaatct ctgtggccta gttcataaag aatcacctt
 7501 tggagcttca ggtctgaggc tggagatggg ctccctccag tgcaggaggg attgaagcat
 7561 gagccagcgc tcatcttgat aataaccatg aagctgacag acacagtac ccgcaaacgg
 7621 ctgacctacag attgaaaaac aagcaaaaac cgccgggac ggtggctcac gcctgtaac
 7681 ccagcacttt gggaggccaa ggcaggtgga tcacgaggtc aagagatcaa gaccatcctg
 7741 gccaacatgg tgaaccccca tctctactaa aaatacga aaatagccag gcgtggtggc
 7801 ggtgcctgt aatccagct actcgggagg ctgaggcagg agaattggcat gaacccggga
 7861 ggcagaagt gcatgagcc gagatcgtc cactgcactc cagcctgggc aacagagcga

FIG._2D

7921 gactcttgct tcaaaaaaa aaaaaaaa gaaaccaa gaaaccaa aatgagacaa
 7981 aaaaaaag accaaaaat ggtgtttgga aattgtcaag gtcaagtctg gagagctaaa
 8041 ctttttctga gaactgttta tctttaataa gcatcaata aatgaacttt gtaaatactt
 8101 ttgttggaat tcgttctctt cttagctagg tagaactctg ctttgcat tcttggtctt
 8161 ctgaccttt taggtttctg ttcatattta tttaacaagt ttccagatca ttttttctt
 8221 gttttgtata ttttttttt ttttttttt ttttttttt ctttagtaga gacagggtt
 8281 tctttttttt ttttttttt ttttttttt ttttttttt gacagggtt ccaaatgtg
 8341 gccaggctgc tctcaaatc ttttctttt aattgtctt gatccaccag cctcgccct
 8401 gggattcatt ttgtctttt ttgtactca gacgggtctt gggcttaaac ttgtggccca
 8461 atgggtacac cttcccttcc ccttctctc tttagactca gacgggtctt cttcttctt
 8521 cctcccttcc caggtgctc caagccctg aagtgtctc agagttgagt taccttggt
 8581 caggtctctt cttagtgaag cctataccc tcaaggtctc agagttgagt taccttggt
 8641 agggcctgca cttagtgaag cctataccc tcaaggtctc agagttgagt taccttggt
 8701 gaaactgtat cctataccc tcaaggtctc agagttgagt taccttggt
 8761 tagatcctct tcaaggtctc agagttgagt taccttggt
 8821 CCTCTGACT TCAGCCGCTA CTTCCTAATAT GAGGGGTCTC ACAGTGATGC
 8881 CAGGGTGCTA TCAGGGTGTG GTTAAACAG GTTAAACAG GTTAAACAG
 8941 ctgggtgtg tttggacaca gttgggtgctc gttgggtgctc gttgggtgctc
 9001 caggagaaga aagaaatcaa gttgggtgctc gttgggtgctc gttgggtgctc
 9061 gggaggctga gttgggtgctc gttgggtgctc gttgggtgctc gttgggtgctc
 9121 agtgtgacct catctctacc tttgggtgctc gttgggtgctc gttgggtgctc
 9181 gttgtgacct ctgtccagc tttgggtgctc gttgggtgctc gttgggtgctc
 9241 gttgtgacct ctgtccagc tttgggtgctc gttgggtgctc gttgggtgctc
 9301 atttatttat aagaaatcaa gttgggtgctc gttgggtgctc gttgggtgctc
 9361 cttgagggtgc gttgggtgctc gttgggtgctc gttgggtgctc gttgggtgctc
 9421 cccacactgt cttgacctt cttgacctt cttgacctt cttgacctt
 9481 GTGACTCTCG GCTACAGCTG AACTTCCGAG CGACGCAGCC TTTGAATGGG CGAGTGATTG
 9541 AGGCTCTCTT CCTGCTGGA GTGGACAGCA GTCTCTGGGC TTTGAATGGG CGAGTGATTG
 9601 tgtctggttt ccccccagcc agtagtccct ttttttttt ttttttttt
 9661 attggtggtc acagcccgcc tttcacatct ctttttttt ttttttttt
 9721 GCTGGCTGCT TGGtgagttc gttgggtgctc gttgggtgctc gttgggtgctc
 9781 ccattcagcc ccagggtgctc tccaggtgctc gttgggtgctc gttgggtgctc
 9841 acccaaaccc caatataga gaggcagatc atggtgggga ttttttttt ttttttttt

FIG.-2E

9901 gctaattgat tagaatgaag cttgagaaat ctcccagcat ccctctcgca aaagaatccc
 9961 cccccctttt tttaaagata ggtctcact ctgtttgccc caggctggg tgtgtggca
 10021 cgatcatagc tactgcagc ctgaaactcc taggtcagg caatccttc accttagctt
 10081 ctcaagcac tgggactgta ggcactgagc actgtgcctg gcccacaaag gcccttttac
 10141 ttggctttta ggaagcaaaa acggtgctta tcttaccct tctcgtgtat ccaccctcat
 10201 cccttggctg gcctctctg gactgaggg cactatgggg ctgcctgaga actcggggca
 10261 ggggtggctg agtgcactga ggcaggtgtt gaggaactct gcagaccct ctctcttccc
 10321 aaagcagccc tctctgctct ccatcgcagg TGACATCCTA GCCCTGGTTT TTGGCCCTCCT
 10381 TTTTGCTGTC ACCAGCGTCG CGTTCCTTGT GCAGATGAGA AGCAGCACCA Ggtattacac
 10441 tgacccttcc ttcagggcaca agcttcccc acccttggg agtcacttca tgcaaaagcg
 10501 atgcaaatga gctgctcctg ggccagtctt ctgattagcc ttccctgttg tgtacacaca
 10561 GAAGGGGAAC CAAAGGGGT GTGAGCTACC GCCCAGCAGA GGTAGCCGAG ACTGGAGCCT
 10621 AGAGGCTGGA TCTTGGAGAA TGTGAGAAGC CAGCCAGAGG CATCTGAGGG GGAGCCGGTA
 10681 ACTGTCCTGT CCTGCTCATT ATGCCACTTC CTTTAACTG CCAAGAAATT TTTTAAATA
 10741 AATAATTATA ATaaaaatag tgtagtcac ctttgttccc caaatcagaa ggaggtattt
 10801 gaatttccta ttactgttat tagcaccaat ttagtggtaa tgcattttatt ctattacagt
 10861 tcggcctcct tccacacatc actccaatgt gttgctcc

FIG._2F

FIG._2A

FIG._2B

FIG._2C

FIG._2D

FIG._2E

FIG._2F

FIG._2

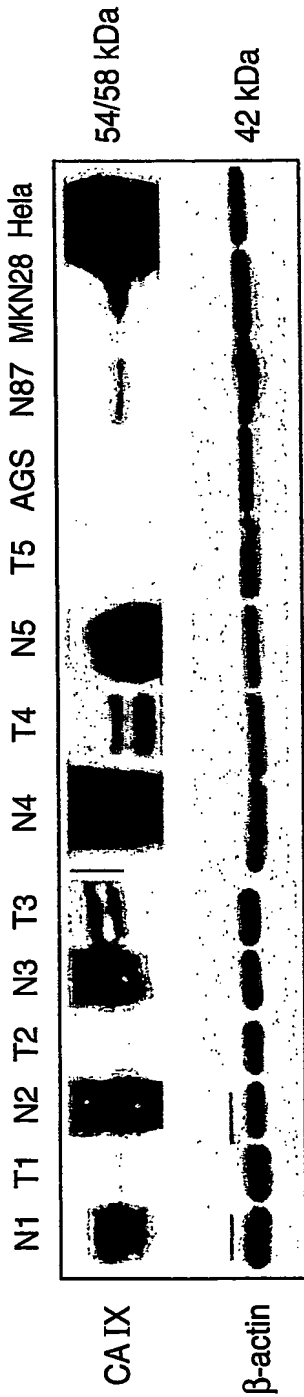


FIG._4A

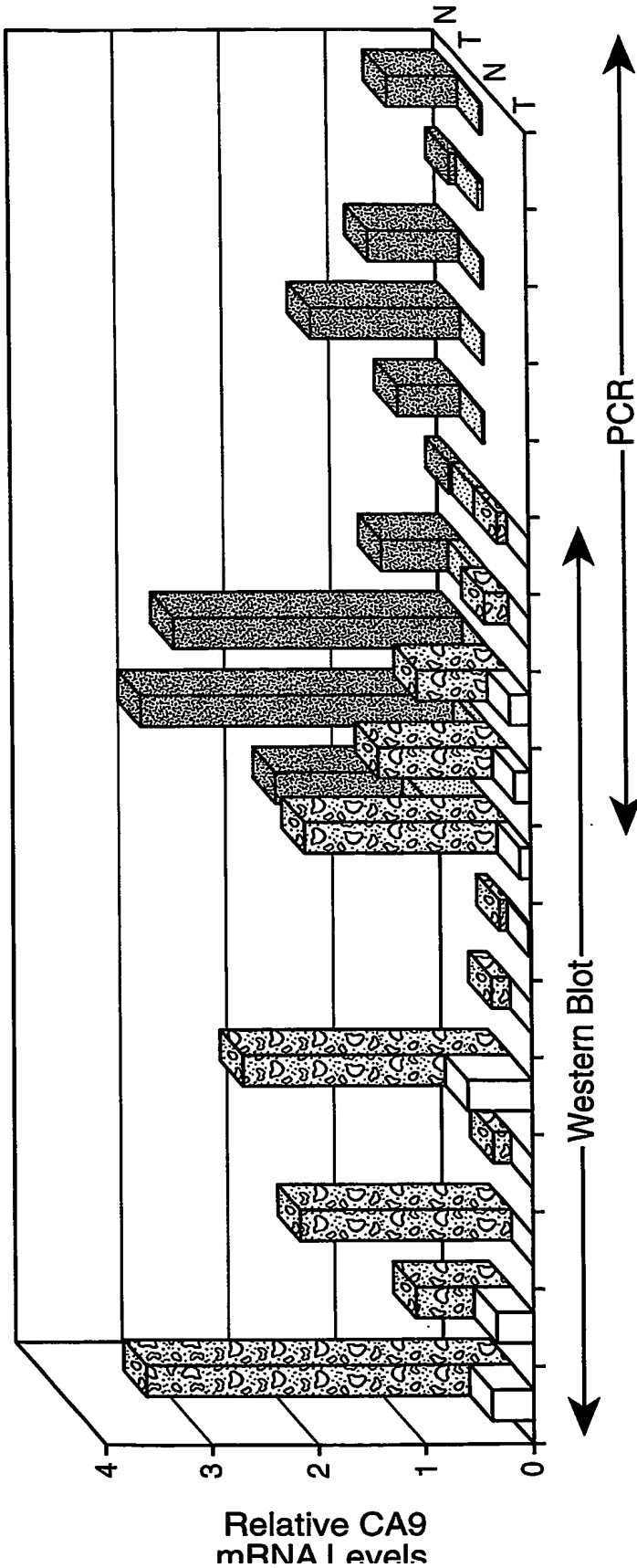
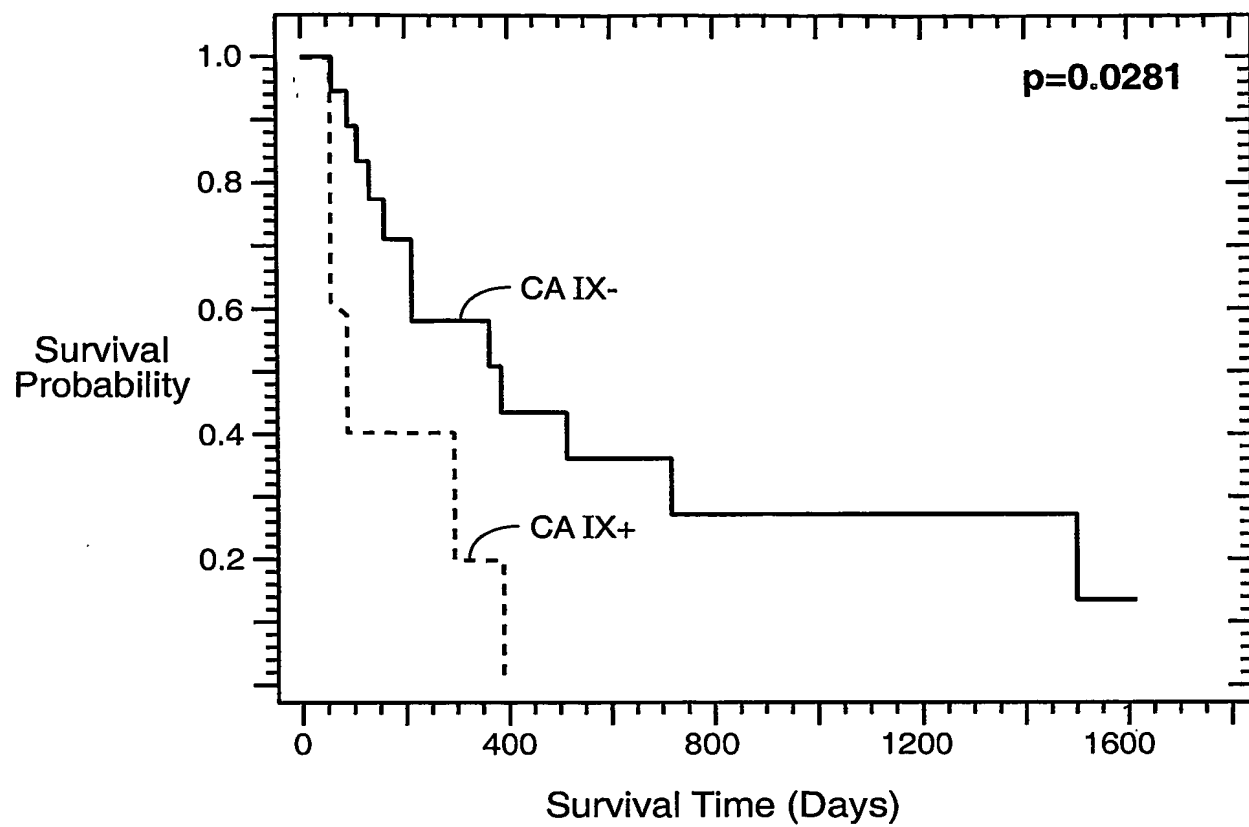
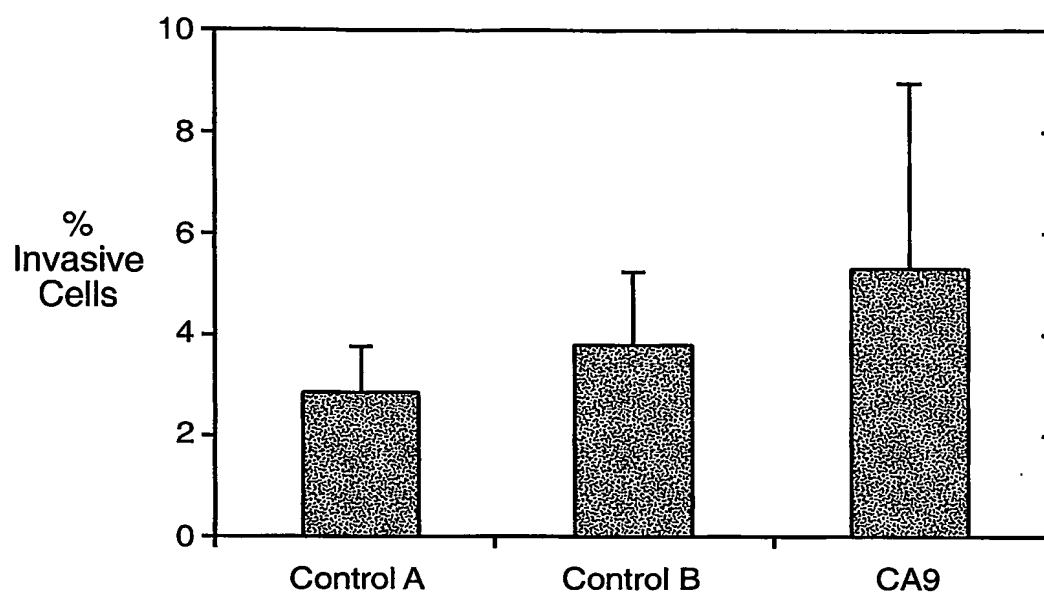
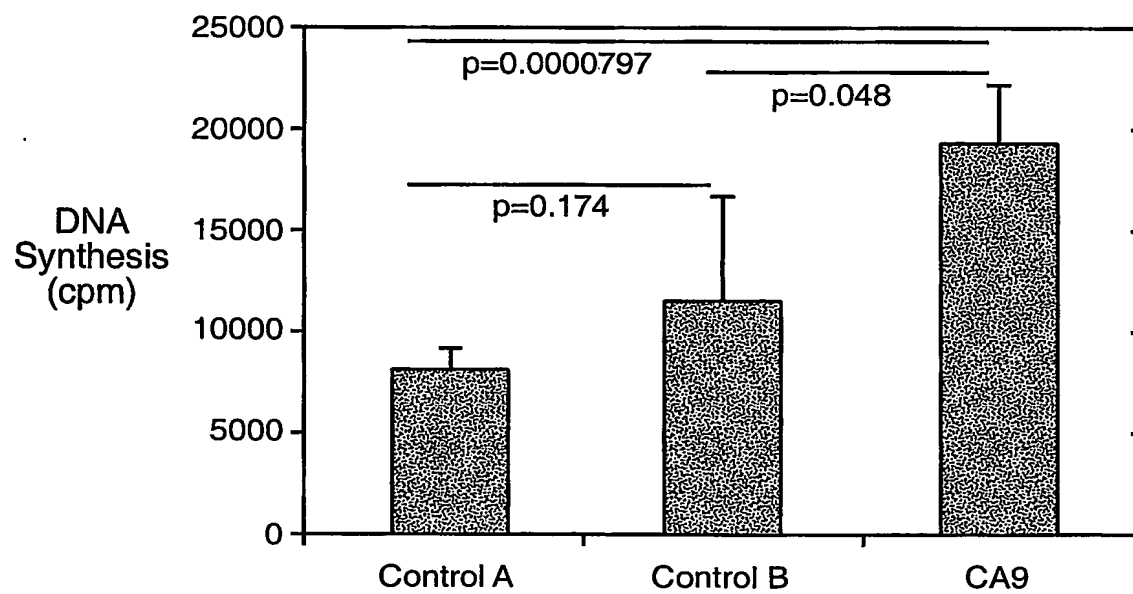


FIG._4B

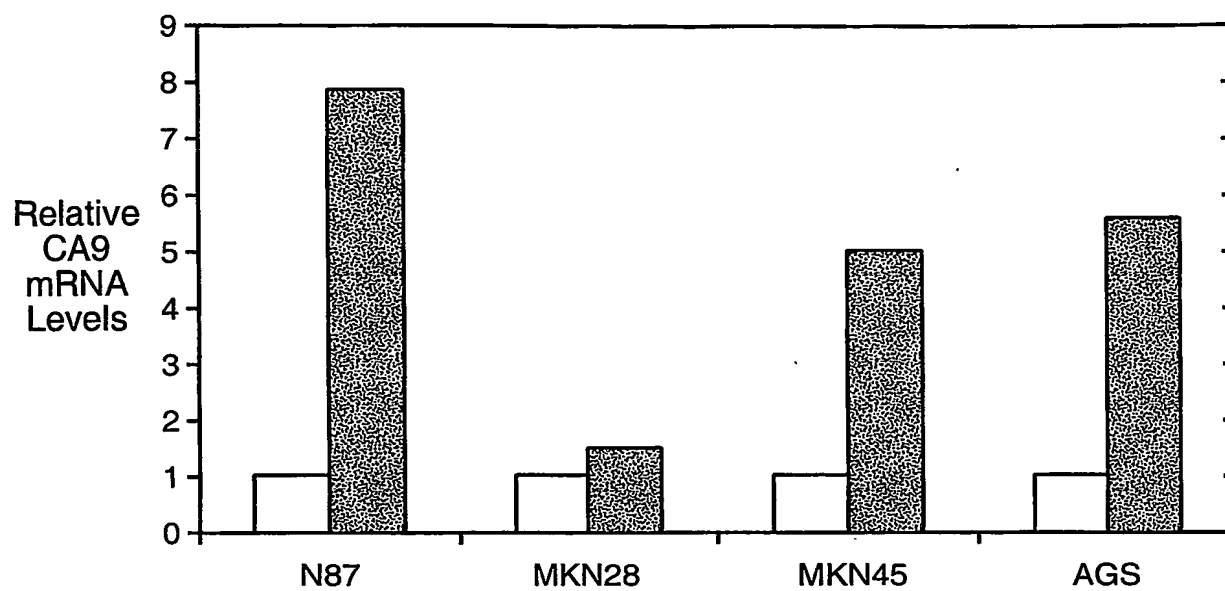
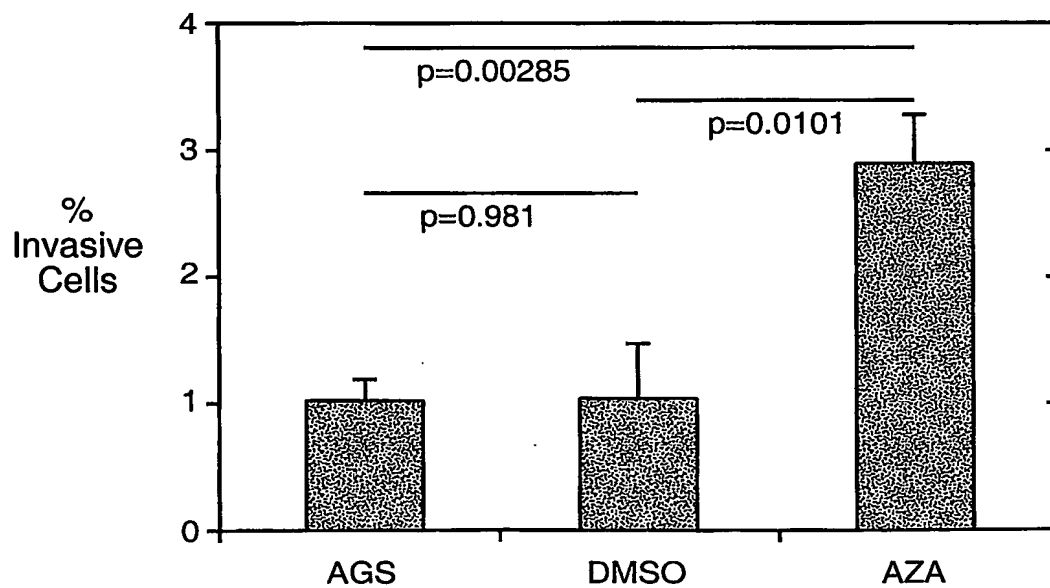
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**FIG._5**

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**FIG. 6A****FIG. 6B**

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**FIG. 7A****FIG. 7B**